

WAP-5813n

Gigabit Wireless Router



Description

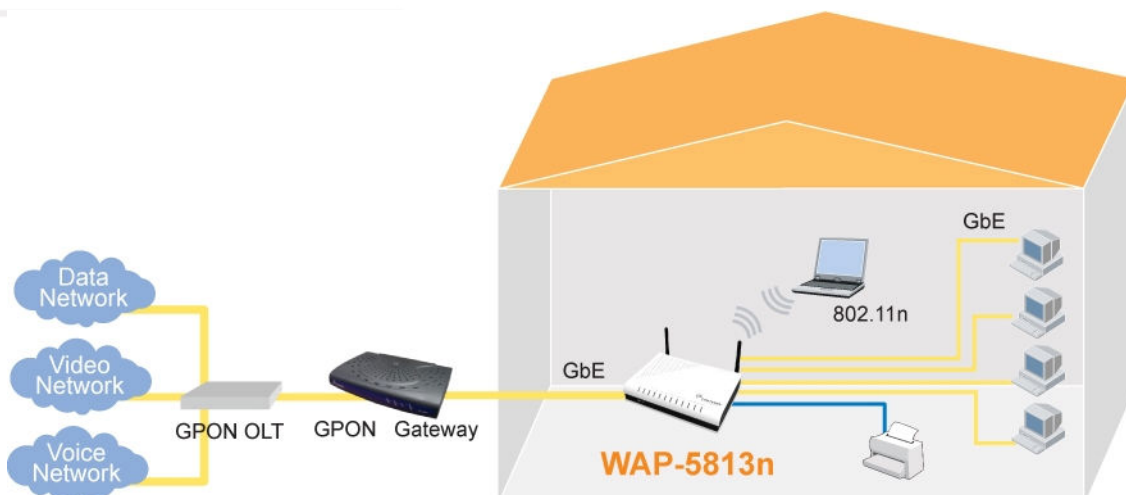
The WAP-5813n is 802.11n compliant Giga Wireless router. It includes one 10/100/1000 Base-T Gigabit Ethernet port as WAN, four 10/100/1000 Base-T Gigabit Ethernet ports as LAN, one WPS button (Wi-Fi Protected Setup), one Wi-Fi On/Off button, and an integrated draft 802.11n WLAN Access Point (AP) backward compatible with 802.11g/b. So, WAP-5813n can provide with wired LAN connectivity and wireless connectivity separately.

The application of WAP-5813n, a Gigabit wireless router, is to connect back at ADSL or GPON (Gigabit-Capable Passive Optical Network) modem. It can supports for state of the art security features such as WPA data encryption, Firewall and VPN pass through and is designed for both residential and business applications that require wireless and wired connectivity. Moreover, WAP-5813n is also designed with TR-068 compliant color panel and LED indicators, which eases the installation of the modem and makes it more user-friendly.

Features

- UPnP
- Integrated 802.11n AP (Backward compatible with 802.11g/b)
- WPA/WPA2 and 802.1x
- WMM
- RADIUS client
- IP filtering
- Static route routing functions
- Dynamic IP assignment
- NAT/PAT
- Parental Control
- IGMP Proxy
- DHCP Server/Client
- DNS Relay
- Embedded SNMP agent
- Web-based management
- Supports remote administration
- Configuration backup and restoration
- FTP/TFTP server

Applications Diagram



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Specifications

Hardware Interface

RJ-45 X1 for WAN (Giga Ethernet), RJ-45 X 4 for LAN (Giga Ethernet), Reset button X 1, Power switch X 1, WPS button x1, Wi-Fi On/Off button x 1, Wi-Fi Antenna X 2, USB Host (Option)

LAN Interface

Standard	IEEE 802.3, IEEE 802.3u
10/100 BaseT	Auto-sense
MDI/MDX support	Yes

WLAN Interface

Standard	IEEE802.11n (Draft), backward compatible with 802.11g/b
Encryption	64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
Channels	11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
Data Rate	Up to 300Mbps
WPA/WPA2	Yes
IEEE 802.1x	Yes
Afterburner mode (Turbo mode)	Yes (this feature is optional)
WMM	Yes

Management

SNMP, Telnet, Web-based management, Configuration backup and restoration
Software upgrade via HTTP, TFTP server, or FTP server

Routing Functions

PPPoE, IPoA, Static route, NAT/PAT, DHCP Server/Client, DNS Relay, ARP

Security Functions

Authentication protocols	PAP, CHAP, Port triggering/Forwarding, Packet filtering, Access control, SSH
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Application Passthrough

PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc

Power Supply

External power adapter	Input: AC100-240V, Output: DC12V / 1.0A
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Environment Condition

Operating temperature	0 ~ 50 degrees Celsius
Relative humidity	5 ~ 95% (non-condensing)

Dimensions

205 mm(W) x 48 mm (H) x 145 mm (D)

Kit Weight (1*WAP-5813n, 1*RJ45 cable, 1*power adapter, 1*CD-ROM)

1.0 KG

Note: Specifications are subject to change without notice.

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